

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20090046542").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/07 18:23
L3	316	(368/319-321).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/07 20:05
L4	41583	("368").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/07 20:16
L5	2068	l4 and crown	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/05/07 20:16
L6	1138	(368/216,308,286-290). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/07 20:30
L7	538	(rotates or rotating or rotational) near5 (case or casing) l4	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/05/07 20:40
L8	590	(368/281).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/07 20:40
L9	2	((("6200019") or ("6679624"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/05/07 20:41
L10	38	("1961734"   "4313187"   "4346464"   "5237546"   "5257247"   "5319617"   "5383166"   "5521889"   "5521890"   "5742565"   "6200019"   "6210034"   "D070403").PN. OR ("6200019"   "6679624"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/07 20:41

L14	393	("0061213"   "0424191"   "0666569"   "0915571"   "1172601"   "1292441"   "1292446"   "1292540"   "1294895"   "1295023"   "1961734"   "20010043512"   "20040105346"   "20050254353"   "20080025158"   "2013765"   "2288215"   "2309428"   "2346476"   "2361563"   "2362245"   "2385234"   "2391803"   "2482317"   "2507974"   "2547140"   "2773347"   "2954665"   "3078364"   "3146580"   "3164954"   "3178879"   "3271945"   "3358438"   "3362153"   "3362154"   "3376701"   "3389550"   "3389551"   "3418800"   "3427800"   "3431722"   "3453819"   "3475902"   "3499281"   "3503203"   "3517501"   "3520129"   "3525211"   "3535869"   "3614865"   "3621649"   "3633356"   "3662536"   "3665701"   "3686883"   "3706198"   "3744238"   "3757512"   "3759033"   "3828549"   "3934402"   "3977178"   "3994125"   "4019037"   "4043115"   "4067186"   "4089158"   "4110970"   "4157646"   "4234948"   "4253177"   "4292682"   "4313187"   "4346464"   "4347594"   "4363555"   "4397566"   "4420264"   "4451719"   "4462697"   "4479724"   "4626108"   "4689158"   "4815053"   "4910652"   "4972394"   "4975893"   "5077708"   "5083300"   "5122997"   "5154977"   "5220541"   "5226023"   "5237546"   "5253227"   "5255248"   "5257247"   "5282179"   "5305291"   "5319617"   "5383165"   "5383166"	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/07 20:43
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PN. OR ("6210034"	
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"6385134"	"6447159"
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"6490230"	"6570823"
"6579004"	"6599009"
"6679624"	"6955552"
"6975561"	"6980488"
"7001064"	"7134784"
"7232254"	"7401975"
"D061213"	"D070403"
"D178770"	"D183732"
"D186180"	"D195421"
"D202061"	"D240026"
"D245899"	"D248223"
"D295841"	"D296991"
"D296994"	"D306981"
"D323127"	"D323783"
"D327020"	"D327440"
"D340778"	"D344411"
"D352470"	"D357192"
"D359916"	"D361275"
"D361276"	"D365767"
"D368663"	"D373542"
"D379320"	"D379769"
"D384898"	"D385803"
"D391176"	"D392904"
"D402898"	"D405375"
"D407029"	"D407329"
"D409503"	"D410199"
"D413071"	"D415040"
"D415694"	"D416498"
"D423951"	"D433639"
"D434672"	"D435459"
"D438474"	"D443212"
"D445343"	"D447063"
"D447427"	"D447699"
"D447705"	"D452175"
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"D460002"	"D462909"
"D464274"	"D473473"
"D480656"	"D485768"
"D487229"	"D488075"
"D488388"	"D488724"

		"D493730"   "D500682"   "D507499"   "D508212"   "D511108"   "D517432"   "D518743"   "D520384"   "D521396"   "D525148"   "D525883"   "D526574"   "D531524"   "D533088"   "D533090"   "D533468"   "D536996"   "D537737"   "D538182"   "D538184"   "D540195"   "D545696"   "D551101"   "D554542"   "D555516"   "D563802"   "D566586"   "D574263"   "D574734").PN. OR ("1961734"   "4313187"   "4346464"   "5237546"   "5257247"   "5319617"   "5383166"   "5521889"   "5521890"   "5742565"   "6200019"   "6210034"   "6379037"   "6565253"   "6599009"   "6679624"   "6821014"   "6902169"   "7001064"   "7232254"   "7307916"   "7494270"   "D070403"   "D462919"   "D464274"   "D551101"   "D555518"   "D555519"   "D561612"   "D563802"   "D566586"   "D567117"   "D585308"   "D585768"   "D586238"   "D591179"). URPN.				
L15	20	("D317871"   "D323996"   "D327654"   "D338838"   "D356042"   "D390791"   "D417160"   "D447427"   "D470776"   "D479135"   "D490722"   "D497109"   "D500452"   "D534084"   "D539669"   "D539674"   "D543872"   "D551101"   "D558614").PN. OR ("D576054"   "D576055"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/07 20:44

L16	17	("3427800"   "D391176"   "D447705"   "D452175"   "D457817"   "D459242"   "D473475"   "D517432"   "D519851"   "D519852"   "D533468"   "D536996"   "D540195").PN. OR ("D574734").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/07 20:45
L17	26	("D380971"   "D403251"   "D410394").PN. OR ("D452175").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/07 20:45
L18	16	("3427800"   "D391176"   "D447705"   "D452175"   "D457817"   "D459242"   "D473475"   "D517432"   "D519851"   "D519852"   "D533468"   "D536996"   "D540195").PN. OR ("D574263").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/07 20:45
L19	15	("2037696"   "2484200"   "4253177"   "D121916"   "D296991"   "D296994"   "D300724"   "D367829"). PN. OR ("D403251"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/07 20:46
L20	55	("1264650"   "1986328"   "2191020"   "2380215"   "2587087"   "3313101"   "3740944"   "4244044"   "5220541"   "D136341"   "D157607"   "D266058"   "D284745"   "D289381"   "D289503"   "D292678"   "D368229"   "D403251"   "D474118"   "D517432"   "D520384"   "D525537"   "D534450"   "D536628"   "D538182"   "D568769"   "D574733"   "D577297"). PN. OR ("D296991"   "D296994"   "D590274"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/07 20:47

L21	29	("4183206"   "4202607"   "4470708"   "4847818"   "5050138"   "5235561"   "5262763"   "5467324"   "5471438"   "5499292"   "5508978"   "5819183"   "D296991"   "D303503"   "D339299"   "D352469"   "D378355"   "D380393"   "D381277"   "D386094"   "D386984"   "D399432"). PN. OR ("D454076"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/07 20:47
L22	39	("1165262"   "20020021622"   "20030081508"   "20040113793"   "2219277"   "2235095"   "2948106"   "3722206"   "3864905"   "4220016"   "4444513"   "4525077"   "4903250"   "4945523"   "5138590"   "5262763"   "5384756"   "5471438"   "5657298"   "5663932"   "6002651"   "6052338"   "6079872"   "6340242"   "6618328"   "6944098"   "7025496"   "D285417"   "D303503"   "D339299"   "D352469"   "D353778"   "D380393"   "D391872"   "D454076").PN. OR ("7433275").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/07 20:48
L23	20	("1930416"   "5262763"   "D303770").PN. OR ("D352469").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/07 20:48
L24	2	("2954665").URPN.	USPAT	AND	ON	2009/05/07 20:57
L25	1919	(rotates or rotating or rotational) near5 (case or casing) crown	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/05/07 21:24
L26	2445	10 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/05/07 21:25
L28	548	10 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/05/07 21:25

L31	1744	25 not 28 not 5	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/05/07 21:26
L32	1932	3 or 6 or 8	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/05/07 21:26
L33	1860	3 or 6 or 8 not 5	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/05/07 21:27
L34	1846	3 or 6 or 8 not 5 not 28	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/05/07 21:27

**5/ 7/ 2009 10:12:01 PM**

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